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Identifying Apple IIGS Keyboards

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If you are developing applications with the Apple IIGS, you may need to be able to identify which keyboard is being used: the ADB or the Apple IIe (that is, the logic board connector for the keyboard located at site J13).

Since the Apple IIGS was primarily designed to use an ADB keyboard, the only way to determine if a keyboard is connected to J13 and not the ADB bus is to make an assumption. The assumption will be made by a response -- or lack of response -- from the `AsyncADBReceive ($0D09)` Toolbox routine.

The `AsyncADBReceive` routine will NOT receive a keyboard response if there is no ADB keyboard present.

(NOTE: A wrong assumption could be made at this point -- for instance, with an Apple IIGS with its ADB keyboard disconnected. The application being constructed should ask if the user is ACTUALLY using an Apple IIe which has been upgraded to an Apple IIGS.)

Complete information about the `AsyncADBReceive` routine can be found in the Apple IIGS Toolbox Reference (ISBN #0-201-17746-3): Volume 1, Section 3, page 14.

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